

Claims:

1. A mixer system for preparing water-thinnable coating compositions with precisely defined tinting from different base colors, the mixer system comprising
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- A) different base colors A containing water,
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- Aa) from 0.5 to 70% by weight of at least one color and/or effect pigment,
- Ab) from 10 to 80% by weight of at least one water-dilutable or water-dispersible binder which can be prepared in the form of organic solutions, and
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- Ac) one or more organic solvents and, where appropriate, auxiliaries and additives,
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- the sum of the weight fractions of components Aa) to Ac) being in each case 100% by weight, and
- B) at least one water-containing, pigment-free component B which comprises at least one rheology control additive and also, where appropriate, at least one water-dilutable or water-dispersible
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binder, and, where appropriate, further auxiliaries and additives,

characterized in that the water content of component A is at least 5% and less than 20%.

2. The mixer system of claim 1, characterized in that the base colors A comprise as binder at least one polyurethane resin and/or amino resin and/or in that component B comprises as binder at least one polyurethane resin and/or amino resin or polyacrylate resin.
3. The mixer system of one of claims 1 or 2, characterized in that the base colors A comprise as binder at least one polyurethane resin and/or amino resin and/or in that component B comprises as binder at least one polyurethane resin and/or amino resin or polyacrylate resin.
4. The mixer system of any of claims 1 to 3, characterized in that the different base colors A each contain
 - Aa) from 0.5 to 70% by weight of at least one color and/or effect pigment,

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Ab) from 10 to 80% by weight of at least one water-dilutable or water-dispersible binder, and

5 Ac) at least one organic solvent and also, where appropriate, auxiliaries and additives,

the sum of the weight fractions of components Aa to Ac being in each case 100% by weight.

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5. The mixer system of any of claims 1 to 4, characterized in that the mixer system comprises

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A1) at least one base color comprising effect pigments,

A2) at least one base color comprising inorganic color pigments, and/or

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A3) at least one base color comprising organic color pigments.

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6. The mixer system of any of claims 1 to 5, characterized in that the different base colors A comprise the same binder or, in the case of binder mixtures, the same binders in the same mixing proportion to one another.

7. The mixer system of any of claims 1 to 6, characterized in that the different base colors A have the same ratio of solid binder to organic solvent and/or in that the ratio of solid binder to solvent in the finished aqueous coating composition is constant.
8. A process for preparing water-thinnable coating compositions with precisely defined tinting, in which different base colors of a mixer system are prepared and stored separately and are not mixed until shortly before the coating composition is applied, characterized in that the mixer system of any of claims 1 to 7 is used and the water-thinnable coating compositions are prepared by mixing at least one base color A and at least one component B of the mixer system.
9. The use of a mixer system of any of claims 1 to 8 for preparing aqueous basecoat materials for coating automobile bodies and/or plastic parts.
10. The use of a mixer system of any of claims 1 to 9 for preparing aqueous coating compositions for refinish.

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